

ROCKY FLATS PLANT
EMD OPERATING
PROCEDURES MANUAL

Manual No.: 5-21000-OPS-FO
New Manual No.: 4-11000-ER-OPS-FO
Procedure No.: Table of Contents, Rev 59
Page: 1 of 4
Effective Date: 01/28/94
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:

VOLUME I: FIELD OPERATIONS (FO)
VOLUME II: GROUNDWATER (GW)
VOLUME III: GEOTECHNICAL (GT)
VOLUME IV: SURFACE WATER (SW)
VOLUME V: ECOLOGY (EE)
VOLUME VI: AIR (AP)

**EG&G
SUPERSEDED
DOCUMENT**

TABLE OF CONTENTS
FOR VOLUME I: FIELD OPERATIONS

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
FO.01	Air Monitoring and Dust Control	2	05/12/92
FO.02	Transmittal of Field QA Records	3	05/22/92
DCN 93.01	Working Base Maps	3	05/12/93
FO.03	General Equipment Decontamination	2	05/12/92
DCN 92.01	EXPIRED (Clarification of Decontamination)	2	Expired
DCN 92.02	Update to Clarification of Decontamination	2	12/12/92
DCN 93.01	CPT Rods	2	02/16/93
FO.04	Heavy Equipment Decontamination	2	05/12/92
DCN 92.01	Expired	1	Expired
DCN 92.02	Expired	1	Expired
DCN 92.03	Consistency Change	1	09/18/92
DCN 92.04	Update to Clarification of Decontamination	2	12/17/92
FO.05	Handling of Purge and Development Water	2	05/12/92

DOCUMENT CLASSIFICATION REVIEW WAIVER
PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991

APD

A-SW-001283

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New Manual No.: 4-11000-ER-OPS-FO
Procedure No.: Table of Contents, Rev 59
Page: 2 of 4
Effective Date: 01/28/94
Organization: Environmental Management

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
FO.06	Handling of Personal Protective Equipment	2	05/12/92
DCN 92.01	Monitoring Change	2	09/18/92
DCN 93.01	Plastic Bagging Modification	2	02/17/93
FO.07	Handling of Decontamination Water and Wash Water	2	05/12/92
DCN 92.01	Consistency Change	2	09/18/92
FO.08	Handling of Drilling Fluids and Cuttings	2	05/12/92
DCN 92.04	EXPIRED (Clarification of Drill Cuttings)	2	Expired
DCN 92.05	EXPIRED (Handling of Drilling Fluids and Cuttings)	2	Expired
DCN 92.06	Clarification of Responsibility	2	09/09/92
DCN 92.07	Elimination of Drilling Requirements on Earthen Dams	2	09/10/92
DCN 92.08	Consistency Change	2	09/18/92
DCN 92.09	Clarification of Augering Technique for OU-6	2	10/28/92
DCN 92.10	Improve Tracking of Samples	2	12/07/92
DCN 93.01	Better Consistency of Drum Handling	2	06/29/93
FO.09	Handling of Residual Samples	2	05/12/92
FO.10	Receiving, Labeling, and Handling Environmental Materials Containers	2	05/12/92
DCN 92.03	EXPIRED (Replaced by DCN 93.01 dated 2/10/93)	2	Expired
DCN 92.04	EXPIRED (Decrease in Weekly Inspections of Gray Drums)	3	Expired
DCN 92.05	Requirement Reduction	2	09/16/92
DCN 92.06	Improve Accountability	2	10/15/92
DCN 92.07	Expired	2	Expired
DCN 92.08	Drum Log F or M Change	2	12/03/92
DCN 93.01	Clarification on Drums (REPLACES DCN 92.03)	2	02/10/93
DCN 93.02	Renewal (DCN 92.07)	2	03/17/93
DCN 93.03	Number of Drums per Pallet	2	05/11/93
DCN 93.04	Sample to Drum Traceability	2	06/23/93
DCN 93.05	Drum Labeling Change	2	06/29/93
DCN 93.06	Drum Sample Numbers	2	06/29/93
DCN 93.07	SVE Sampling Overlap	2	08/18/93
93-DMR-000677		2	11/01/93

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EMD OPERATING
PROCEDURES MANUAL

Manual No.: 5-21000-OPS-FO
New Manual No.: 4-11000-ER-OPS-FO
Procedure No.: Table of Contents, Rev 59
Page: 3 of 4
Effective Date: 01/28/94
Organization: Environmental Management

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
FO.11	Field Communications	2	05/12/92
FO.12	Decontamination Facility Operations	2	05/12/92
DCN 93.01	Tank Inspection Log	2	04/13/93
FO.13	Containerization, Preserving, Handling and Shipping of Soil and Water Samples	2	05/12/92
DCN 92.01	Chain of Custody EXPIRED	2	EXPIRED
DCN 92.02	Improve Tracking of Samples	2	12/08/92
DCN 93.01	Chain of Custody Record	2	02/10/93
DCN 93.02	Air Bill COC	2	05/18/93
93-DMR-000530		2	11/04/93
93-DMR-000667		2	11/20/93
FO.14	Field Data Management	2	05/12/92
DCN 92.01	EXPIRED (Update Bottle Codes and Lab Codes to Current Status)	2	Expired
DCN 92.02	Clarification of Biological Locations (07/08/92- Extended)	2	11/20/92
DCN 92.03	Changes in Procedures (07/08/92 - Extended)	2	11/20/92
DCN 92.04	Expired	2	Expired
DCN 92.05	Update QA/QC Code List	2	09/28/92
DCN 92.06	Clarify Description	2	09/28/92
DCN 92.07	Update Bottle Code List	2	09/28/92
DCN 92.08	Add Sub-Contractor Abbreviations	2	10/14/92
DCN 92.09	Major Form Revision	2	11/03/92
DCN 92.10	Elimination of Non-Required Section	2	11/10/92
DCN 92.11	Update Bottle Code & Lab Codes to Current Status	2	12/09/92
DCN 93.01	New Codes	2	01/15/93
DCN 93.02	New Samplers and New Media	2	01/15/93
DCN 93.03	Field Data for RFEDS	2	02/10/93
DCN 93.04	RFEDS Back-up	2	03/18/93
DCN 93.05	Replacement of Form 14 C	2	10/06/93
FO.15	Photoionization Detectors (PIDs) and Flame Ionization Detectors (FIDs)	2	05/12/92

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Manual No.: 5-21000-OPS-FO
New Manual No.: 4-11000-ER-OPS-FO
Procedure No.: Table of Contents, Rev 59
Page: 4 of 4
Effective Date: 01/28/94
Organization: Environmental Management

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
FO.16	Field Radiological Measurements	2	05/12/92
DCN 92.04	EXPIRED (Seismic Lines)	1	Expired
DCN 92.05	Addition of HPGe	2	11/24/92
DCN 93.01	FIDLER Surveys	2	01/15/93
DCN 93.02	LUDLUM/FIDLER Guidance	2	06/29/93
FO.17	Determining Out-Of-Specification Analytical Results for Environmental Samples		To Be Added
FO.18	Environmental Sample Radioactivity		
	Content Screening	1	05/12/92
DCN 93.01	Clarification of Procedure	1	01/11/93
FO.19	Base Laboratory Work	2	05/12/92
•FO. 23	Management of Soil and Sediment Investigative Derived Materials (IDM)	0	01/11/94
	94-DMR-000137 Training Requirements Clarification	0	01/28/94
FO.25	4-B11-ER-OPS-FO.25 Shipment of Radioactive Materials Samples	0	12/01/93
FO.27	4-BO1-ER-OPS-FO.27 Collection of Floor/Equipment Hot Water Rinsate Samples	0	07/26/93
DCN 93.01	VOC Preservatives	0	8/11/93
DCN 93.02	Fresh Water Samples	0	8/30/93

DOCUMENT MODIFICATION REQUEST (DMR)

Page 1 of 1

Refer to 1-A01-PPG-001 for Processing Instructions.

Print or Type All Information (Except Signatures)

1. Date 1/25/94	25. DMR. No. 94-DMR-00087
2. Existing Document Number/Revision 4-F91-GAD-005-F0. 23 Rev 0	3. New Document Number or Document Number if it is to be changed with this Revision NA
4. Originator's Name/Phone/Page/Location Susan Myrick X6971 D4343 080	5. Document Title management of soil and sediment Investigative Derived Materials
6. Document Type <input checked="" type="checkbox"/> Procedure <input type="checkbox"/> Other	7. Document Modification Type (Check only one) <input type="checkbox"/> New <input type="checkbox"/> Revision <input checked="" type="checkbox"/> Intent Change <input type="checkbox"/> Nonintent Change <input type="checkbox"/> Editorial Correction <input type="checkbox"/> Cancellation

8. Item	9. Page	10. Step	11. Proposed Modifications
1	5	3.0	Following the first paragraph add: Data analysis personnel are not required to take field operations training.

12. Justification (Reason for Modification, EIO#, TP#, etc.) To clarify training requirements. in accordance with EPA 1/26/94 GADH direction 1/26/94
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If modification is for a new procedure or a revision, list concurring disciplines in Block 13, and enter N/A in Blocks 14 and 15. If modification is for any type of change or a cancellation, organizations are listed in Block 13, then Concurror prints, and signs in Block 14, and dates in Block 15.

13. Organization	14. Print and Sign (if applicable)	15. Date (if applicable)
ECOS	(RR) Mark Brooks	01/26/94
GOMIS	SUSAN MYRICK	1/26/94
SPP	S. R. Keith	1/26/94
GOSSICLAS	W. S. Gossiclas	1/26/94
RPM	W. S. Gossiclas	1/26/94
EGAT	Chris Daily	1/26/94
Sample Management	Chris Daily	1/26/94
DOE	signatures on file	1-28-94

16. Originator's Supervisor (print/sign/date) M.C. Broussard 1-25-94	17. Assigned SME/Phone/Page/Location Susan Myrick 16171/4343/080	18. Cost Center 248 248	19. Charge Number ENV40	20. Requested Completion Date 1/26/94	21. Effective Date 1/28/94
22. Accelerated Review? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	23. ORC Review ORC Review NOT Required				
24. Responsible Manager (print/sign, date) M.C. Broussard 1-25-94	JAN 31 1994 15:00				

REVIEWED FOR CLASSIFICATION/UCNL

BY NA
DOCUMENT CLASSIFICATION REVIEW WAIVER
PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991

MANAGEMENT OF SOIL AND SEDIMENT INVESTIGATIVE DERIVED MATERIALS (IDM)

EG&G ROCKY FLATS PLANT
ENVIRONMENTAL OPERATIONS
PROCEDURES MANUAL

Manual:
Procedure No.:
Page:
Effective Date:
Organization:

4-F99-OPS
FO. 23, Rev. 0
1 of 19
1-11-94 SERD
Environmental Restoration

Category 3

TITLE:

MANAGEMENT OF SOIL AND
SEDIMENT INVESTIGATIVE
DERIVED MATERIALS (IDM)

Approved By:

William S. J. J. J. 12/23/93
Environmental Restoration Management Date

Associate General Manager

Kay B. B. 12/15/93
Quality Assurance Program Manager Date

Concurrence By:

R. J. Schaefer 12/23/93
Director, Environmental Restoration
Division, DOE, Rocky Flats Office Date

Approval by Environmental Protection Agency Required: ☒ Yes ☐ No

1.0	TABLE OF CONTENTS	
2.0	PURPOSE AND SCOPE	3
3.0	RESPONSIBILITIES AND QUALIFICATION	3
4.0	REFERENCES	6
4.1	SOURCE REFERENCES	6
4.2	INTERNAL REFERENCES	6
5.0	DRUM HANDLING PROCEDURE	7
5.1	EQUIPMENT	7
6.0	OPERATING PROCEDURES	8
6.1	PREPARING FOR THE DRILLING OPERATION	8
6.2	PROCEDURE FOR HANDLING DRILL CUTTINGS	10
6.3	DRUM FILLING PROCESS	12
6.4	MOVEMENT AND MANAGEMENT OF FILLED DRUMS	13
6.5	VERIFICATION DRUM HANDLING	14

MANAGEMENT OF SOIL AND SEDIMENT INVESTIGATIVE DERIVED MATERIALS (IDM)

EG&G ROCKY FLATS PLANT
ENVIRONMENTAL OPERATIONS
PROCEDURES MANUAL

Category 3

Manual:
Procedure No.:
Page:
Effective Date:
Organization:

4-F99-OPS
FO. 23, Rev. 0
2 of 19
8/16/94
Environmental Restoration

7.0 DOCUMENTATION 16

7.1 FORMS 17

LIST OF FIGURES

FIGURE FO.23-1 Additional Areas of Concern 4
FIGURE FO.23-2 IDM Management Flow Chart 9

LIST OF EFFECTIVE PAGES

<u>Pages</u>	<u>Effective Date</u>	<u>Change Number</u>
1	02/09/94	94-DMR-000148
2	08/16/94	94-DMR-001350
2	01/26/94	94-DMR-000137
3	06/14/94	94-DMR-001108
5	01/26/94	94-DMR-000137
5	02/09/94	94-DMR-000148
9	08/16/94	94-DMR-001350
7-9A	02/09/94	94-DMR-000148
10-13	08/16/94	94-DMR-001350
13-16	02/09/94	94-DMR-000148
15-18	08/16/94	94-DMR-001350
19	02/09/94	94-DMR-000148
19	08/16/94	94-DMR-001350

TOTAL NUMBER OF PAGES: 21

MANAGEMENT OF SOIL AND SEDIMENT INVESTIGATIVE DERIVED MATERIALS (IDM)

EG&G ROCKY FLATS PLANT
ENVIRONMENTAL OPERATIONS
PROCEDURES MANUAL

Category 3

Manual:
Procedure No.:
Page:
Effective Date:
Organization:

4-F99-OPS
FO. 23, Rev. 0
5 of 19
02/09/94
Environmental Restoration

94-DMR-000137

Personnel performing these procedures will be scientists, engineers, laboratory technicians, or field technicians with an appropriate amount of applicable field experience or on-the-job training under the supervision of another qualified person who has received the training as stated above. Data analysis personnel are not required to take field operations training.

Minimum training requirements are outlined in each individual site-specific Health and Safety Plan. In addition, all personnel involved in waste packaging activities will have completed the Waste Generator Qualification per Waste Requirements Procedures, 5-23000-WRP for working with soils or sediments potentially contaminated with radioisotopes, or Waste Requirements Manual, 1-10000-WRM for working with all other potentially contaminated soils and sediments, whichever is applicable to the task involved. Personnel must also meet the RCRA training requirement in Section 2.0 of the Hazardous Waste Requirements Manual (HWRM). In addition, personnel who perform the procedures outlined in this SOP will have taken and passed the following EG&G-sponsored training courses:

- Hazard Communications
- General Employee Training (GET)
- Radiation Worker Training
- Respirator Indoctrination

Each RFP subcontractor will identify a minimum of one certified Hazmat employee who will oversee shipments of DOE hazardous or potentially hazardous material if the statement of work includes the shipment of samples.

94-DMR-000148

The EG&G Project Manager is responsible for ensuring this procedure is performed correctly. The Environmental Operations Division Manager (EOM) is responsible for final approval of waste characterization determinations.